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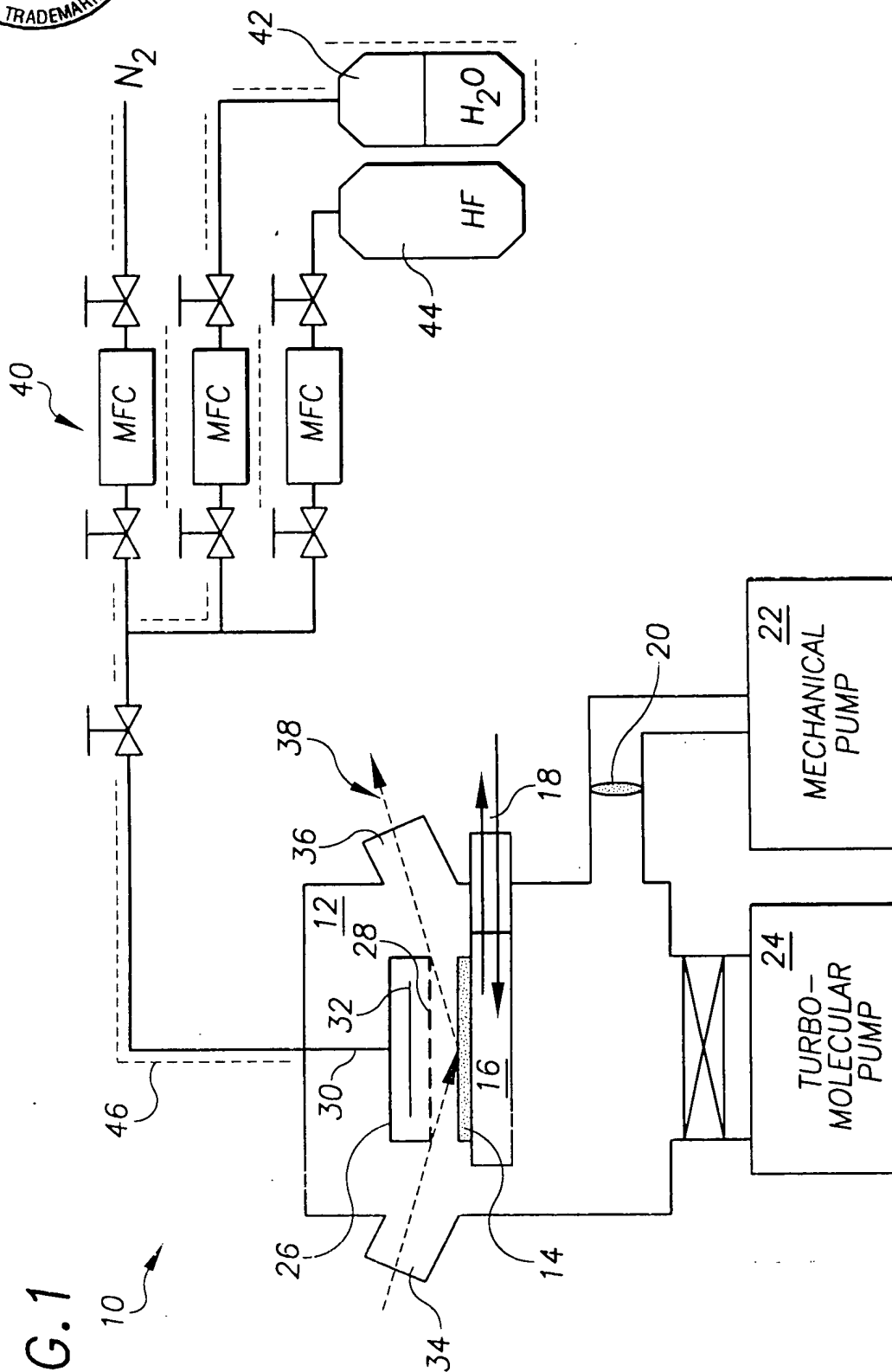
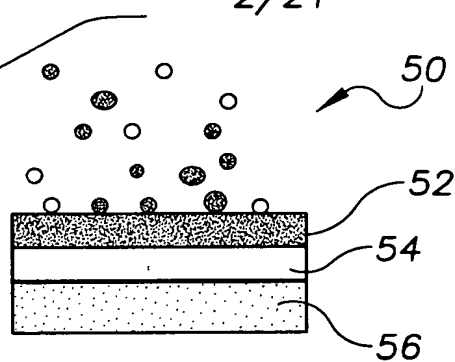




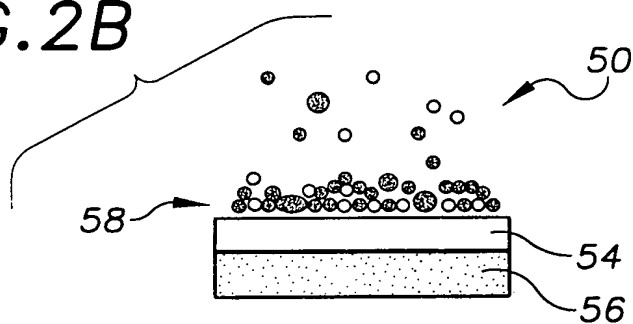
FIG. 2A

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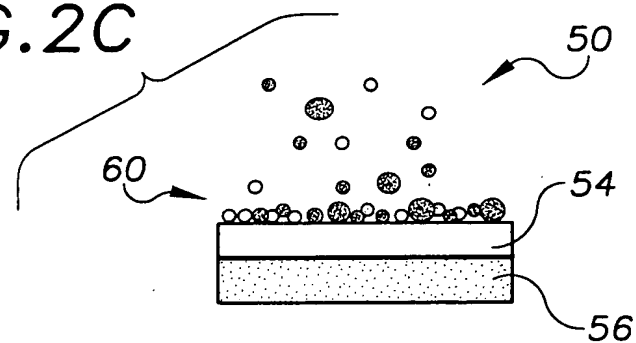
● REACTANTS
○ PRODUCTS

FIG. 2B



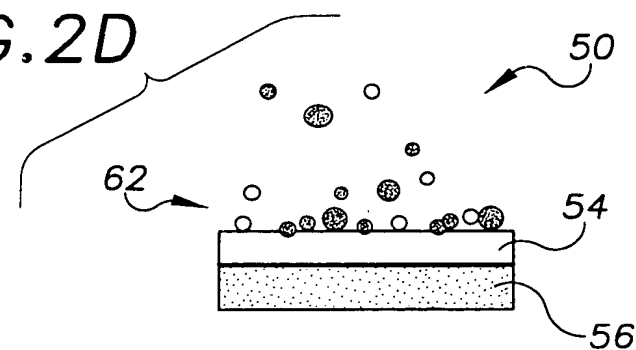
● REACTANTS
○ PRODUCTS

FIG. 2C



● REACTANTS
○ PRODUCTS

FIG. 2D



● REACTANTS
○ PRODUCTS

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FIG. 3A

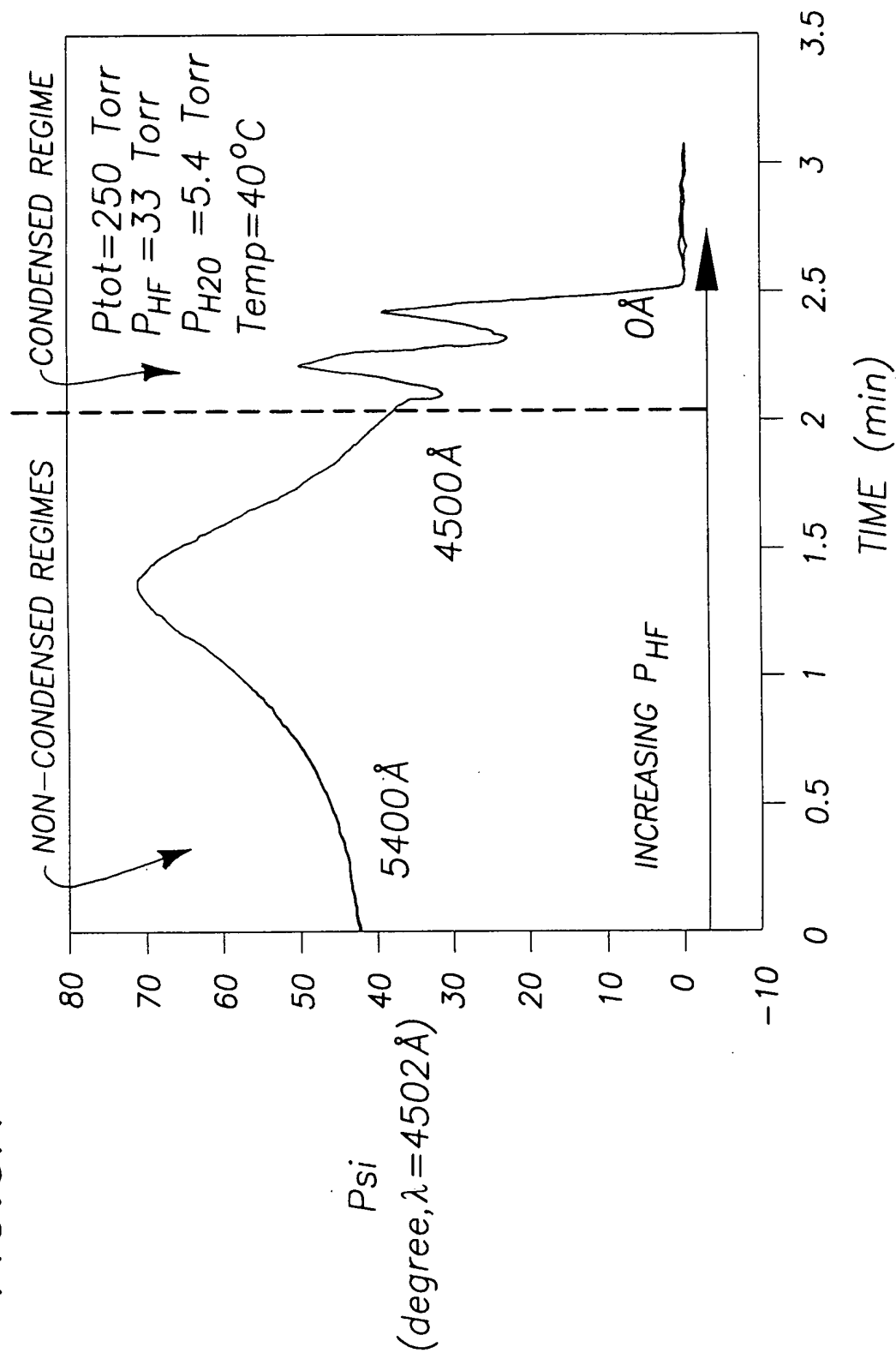


FIG.3B

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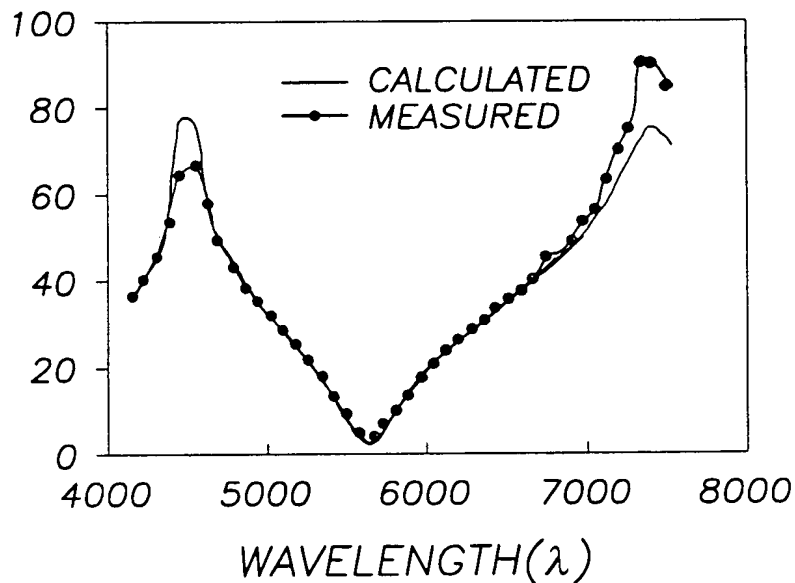
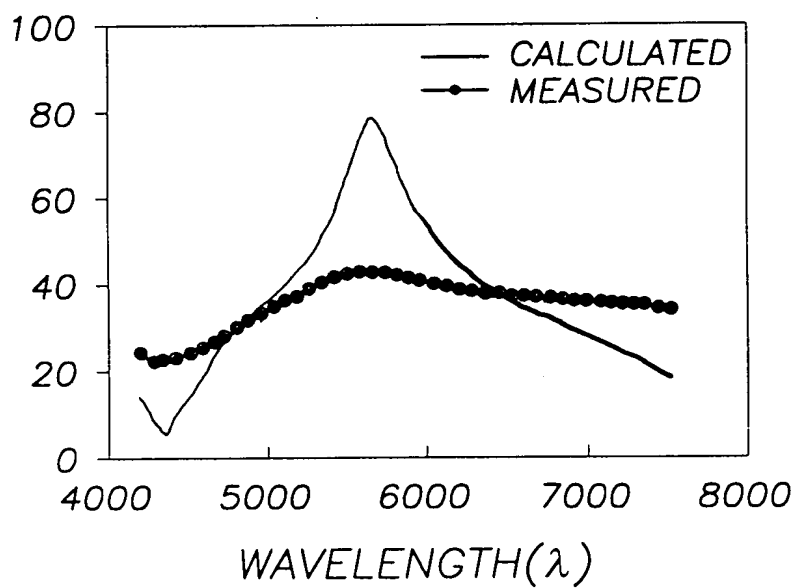
 $\Psi(\text{degree})$ 

FIG.3C

 $\Psi(\text{degree})$ 

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FIG. 4A



Ψ
(degree, $\lambda = 4502\text{\AA}$)

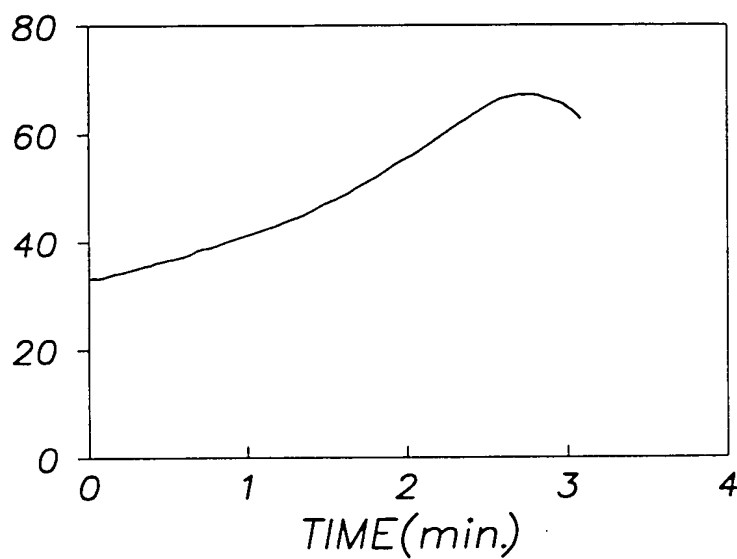
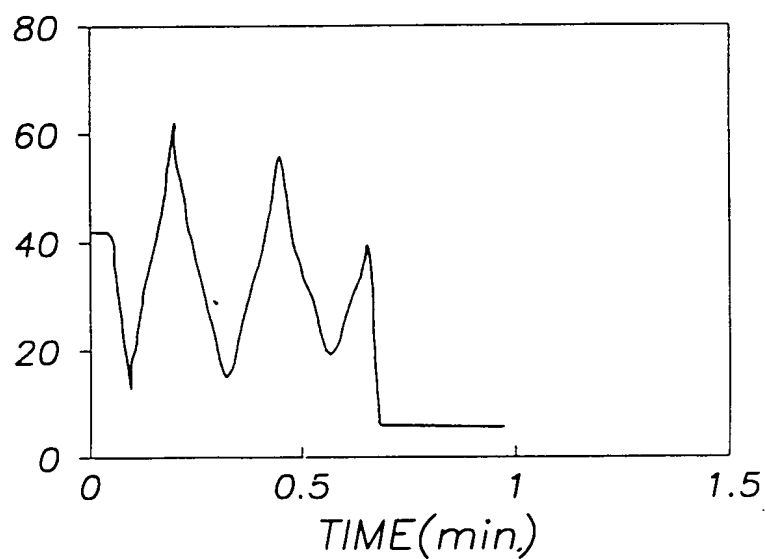


FIG. 4B

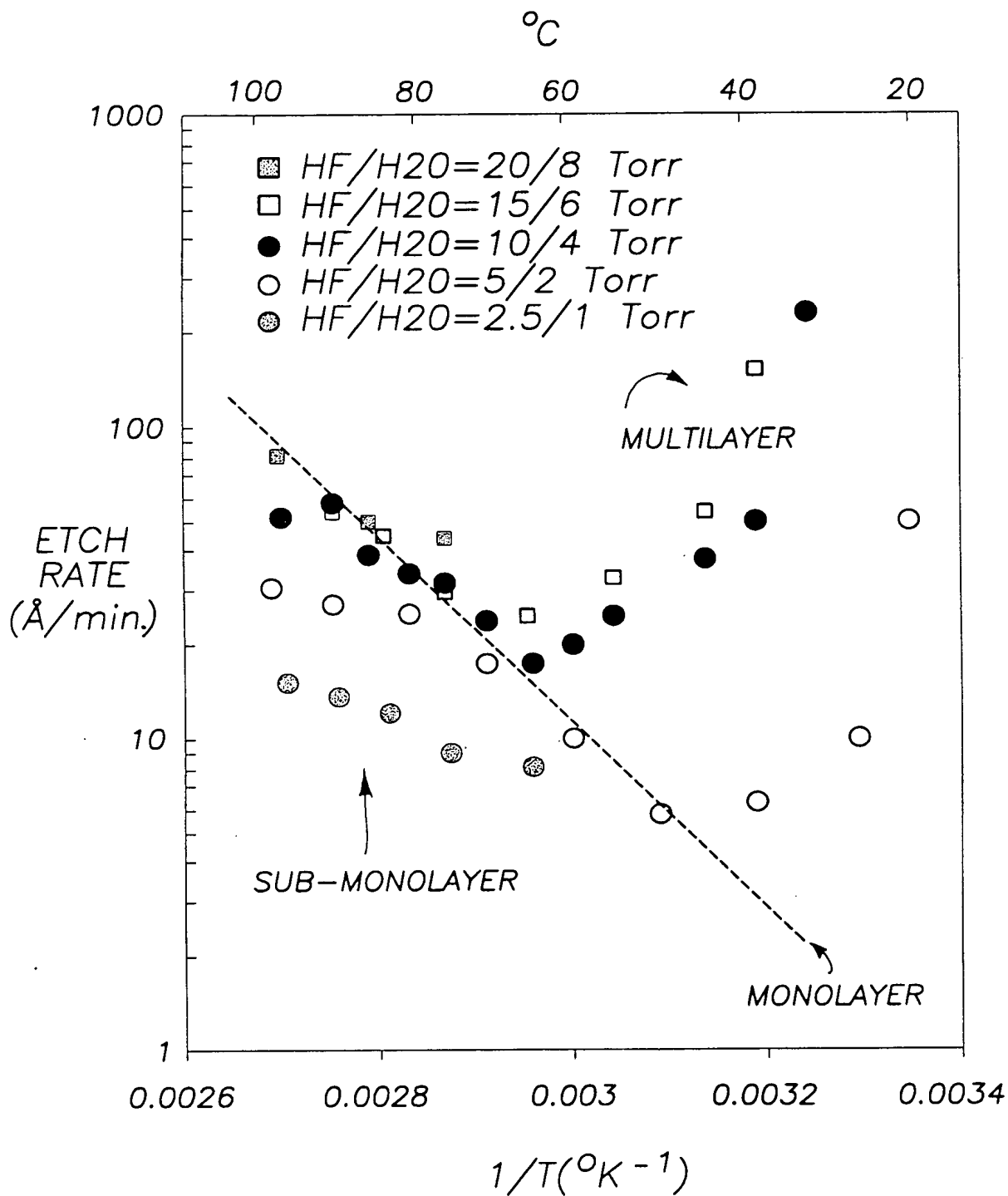
Ψ
(degree, $\lambda = 4502\text{\AA}$)





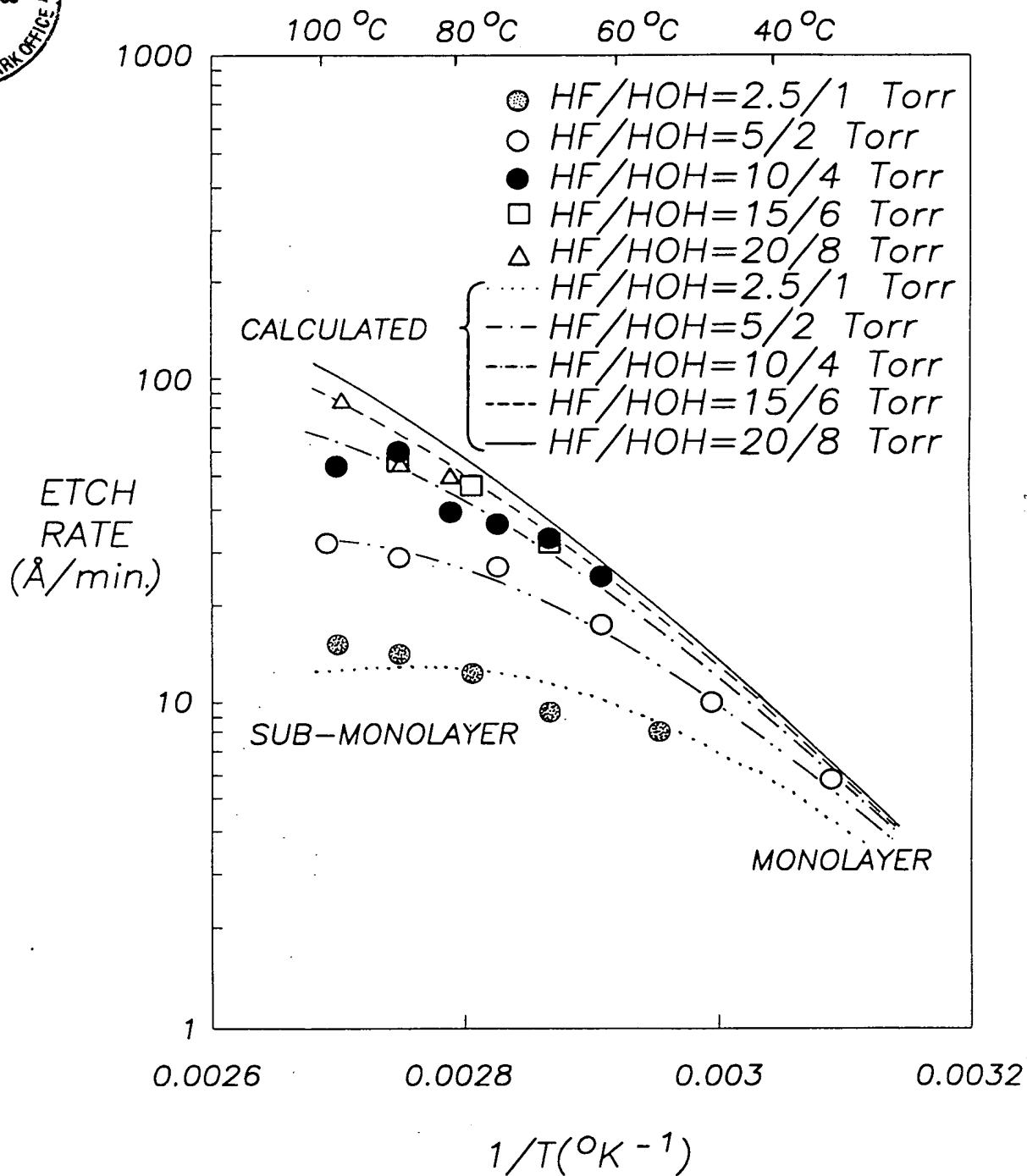
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FIG. 5



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FIG. 6



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FIG. 7A

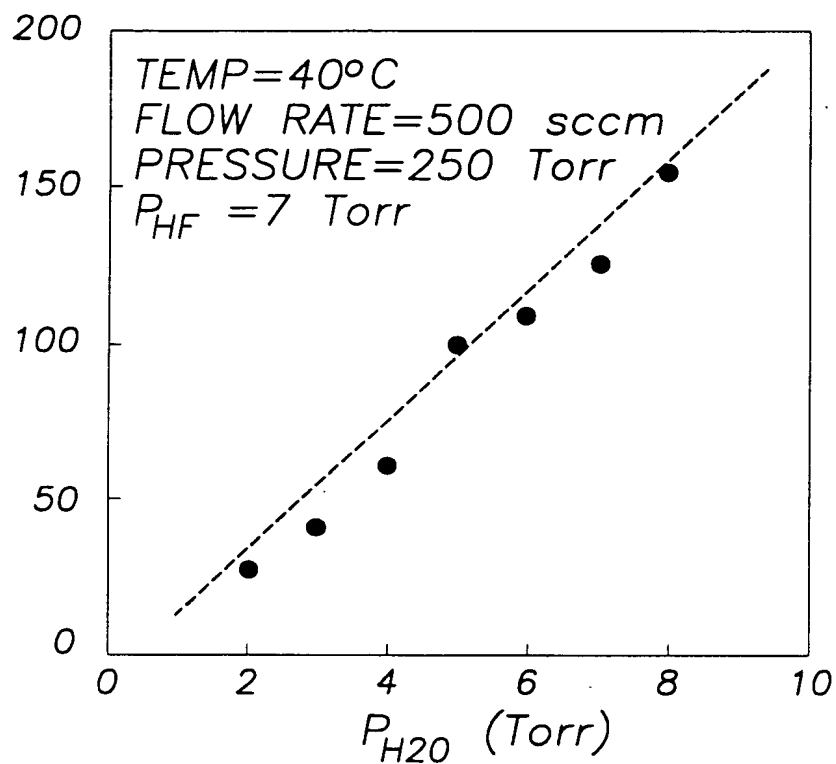
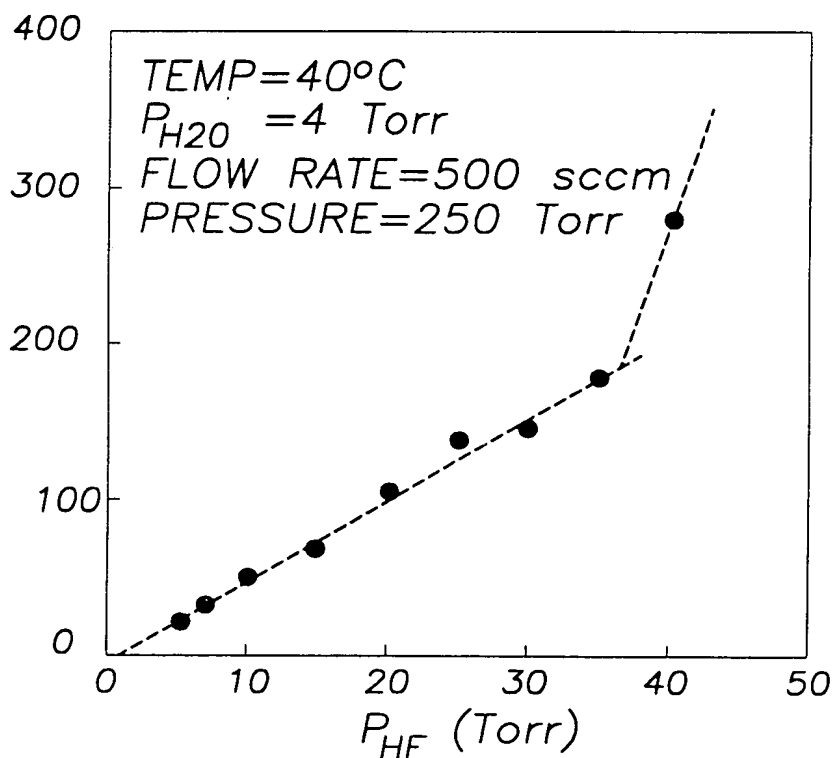
ETCH RATE
(Å/min.)

FIG. 7B

ETCH RATE
(Å/min.)



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FIG. 8A

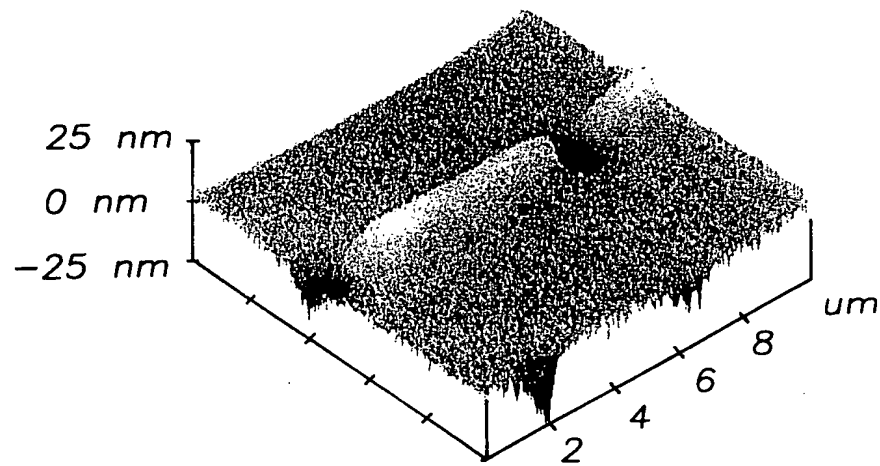


FIG. 8B

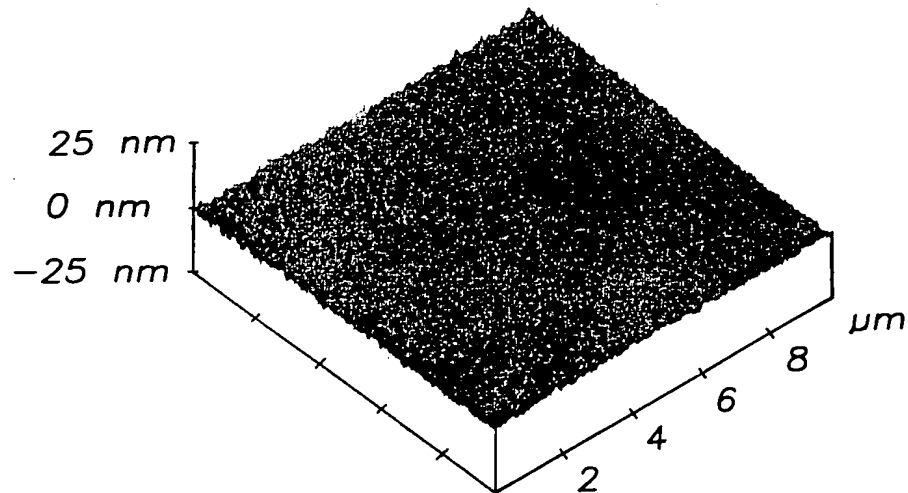




FIG. 9A

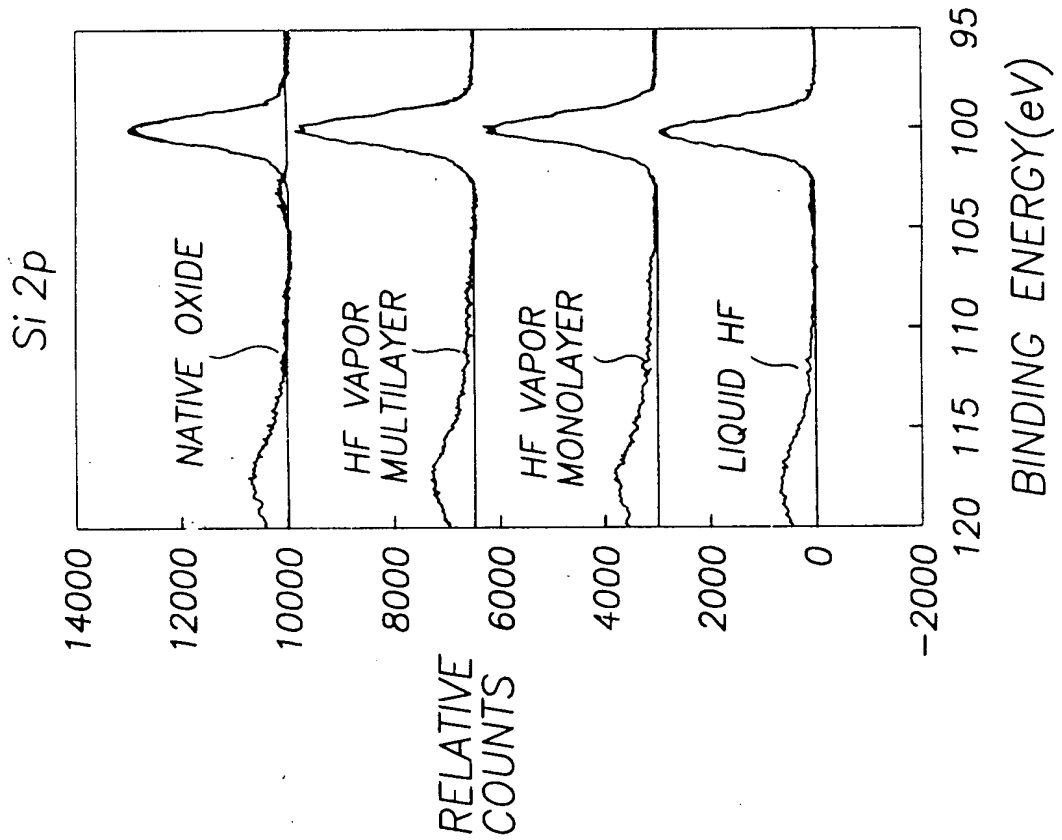
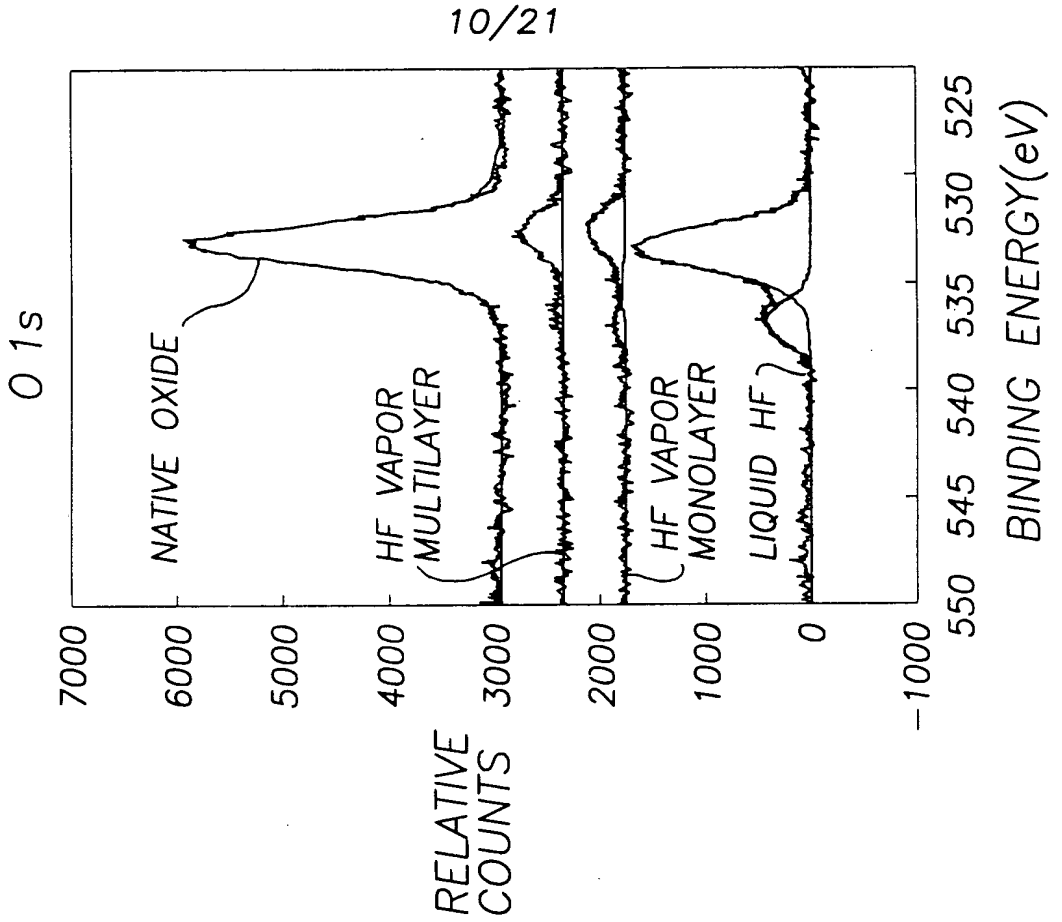


FIG. 9B



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FIG.9D

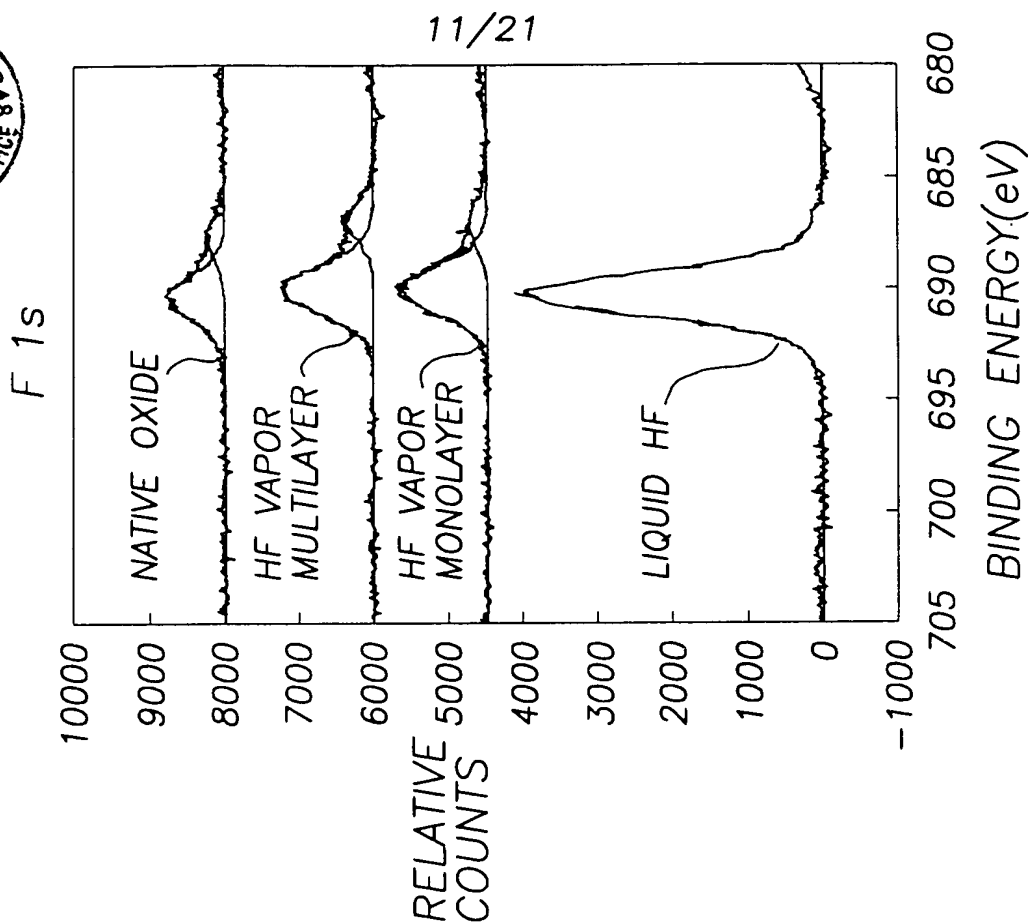
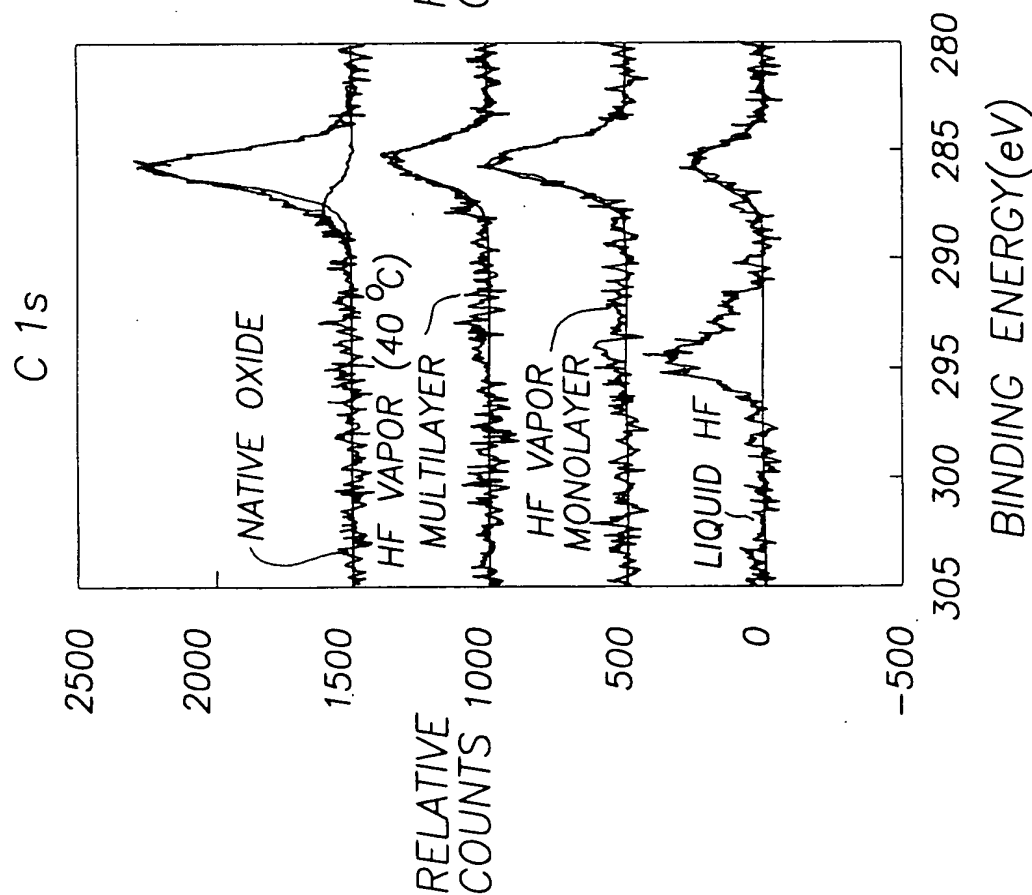
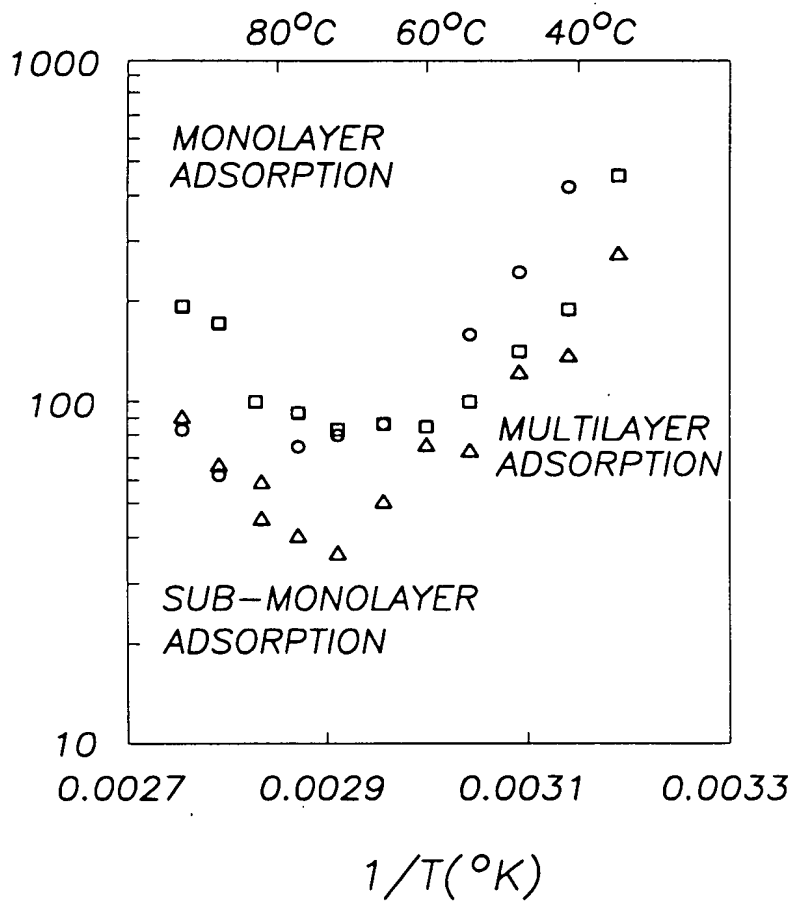


FIG.9C



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FIG. 10

ETCH RATE
(Å/min)



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FIG. 11A

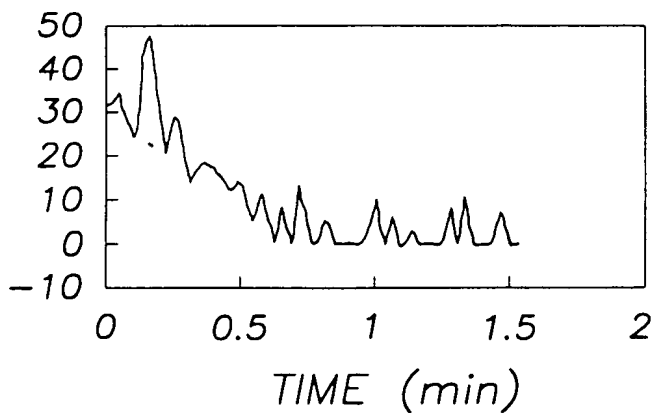
 $\psi(^{\circ})$ AT 4052Å

FIG. 11B

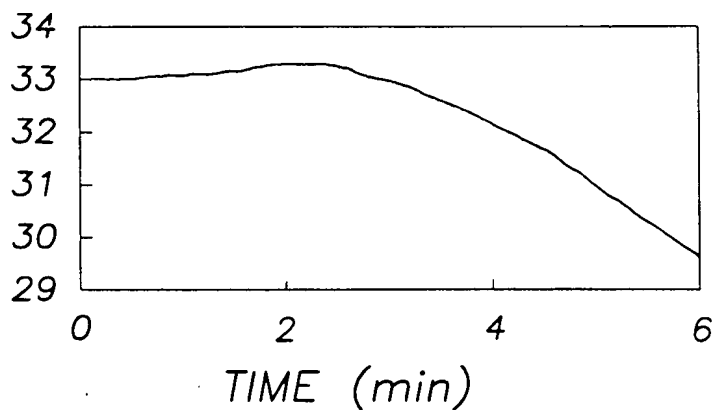
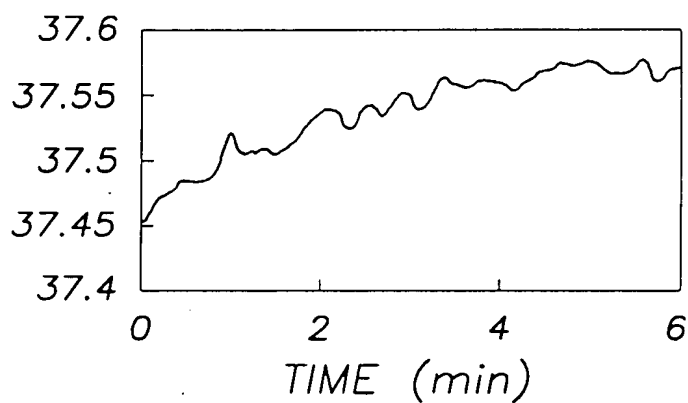
 $\psi(^{\circ})$ AT 4052Å

FIG. 11C

 $\psi(^{\circ})$ AT 4052Å



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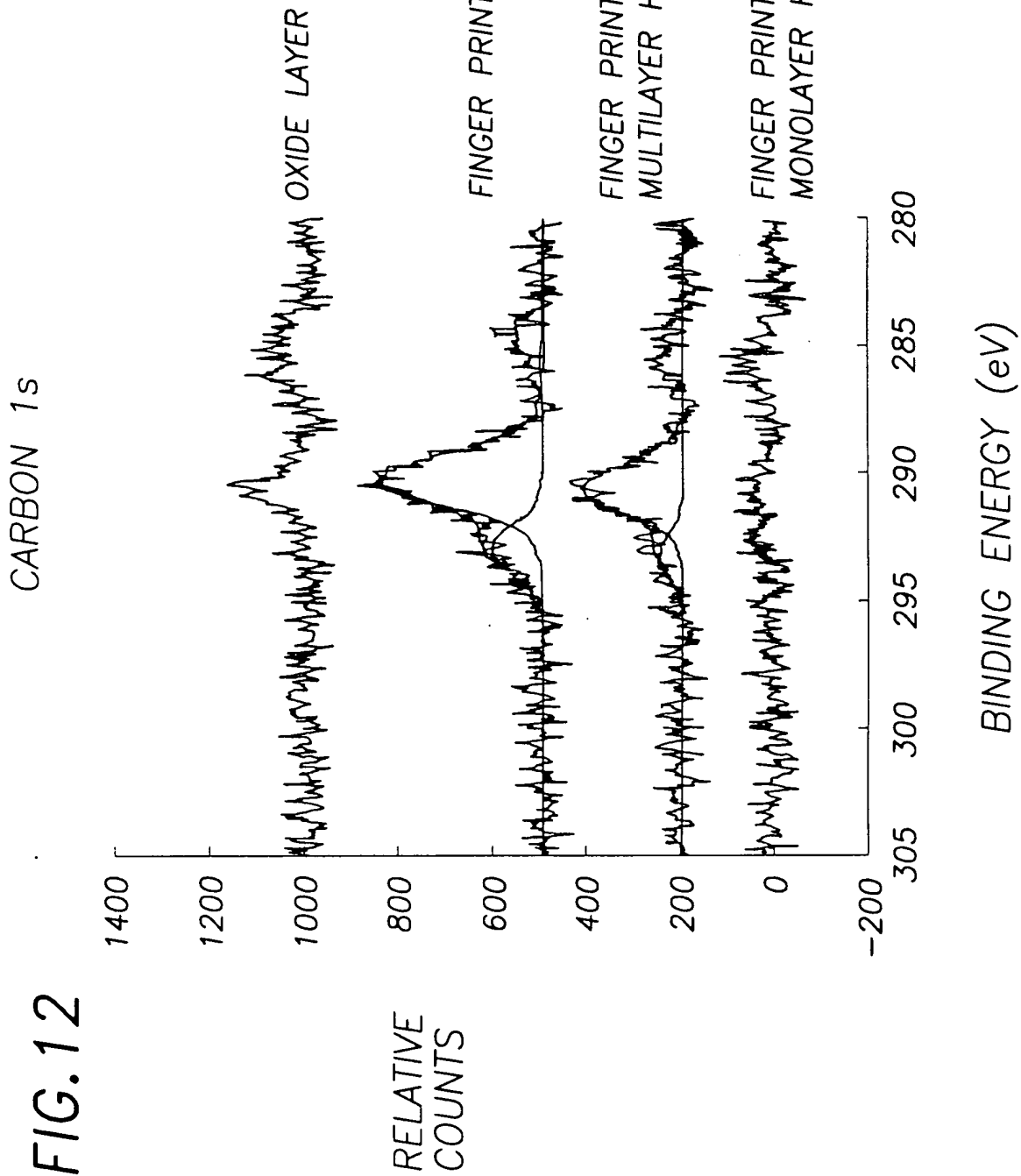


FIG. 13



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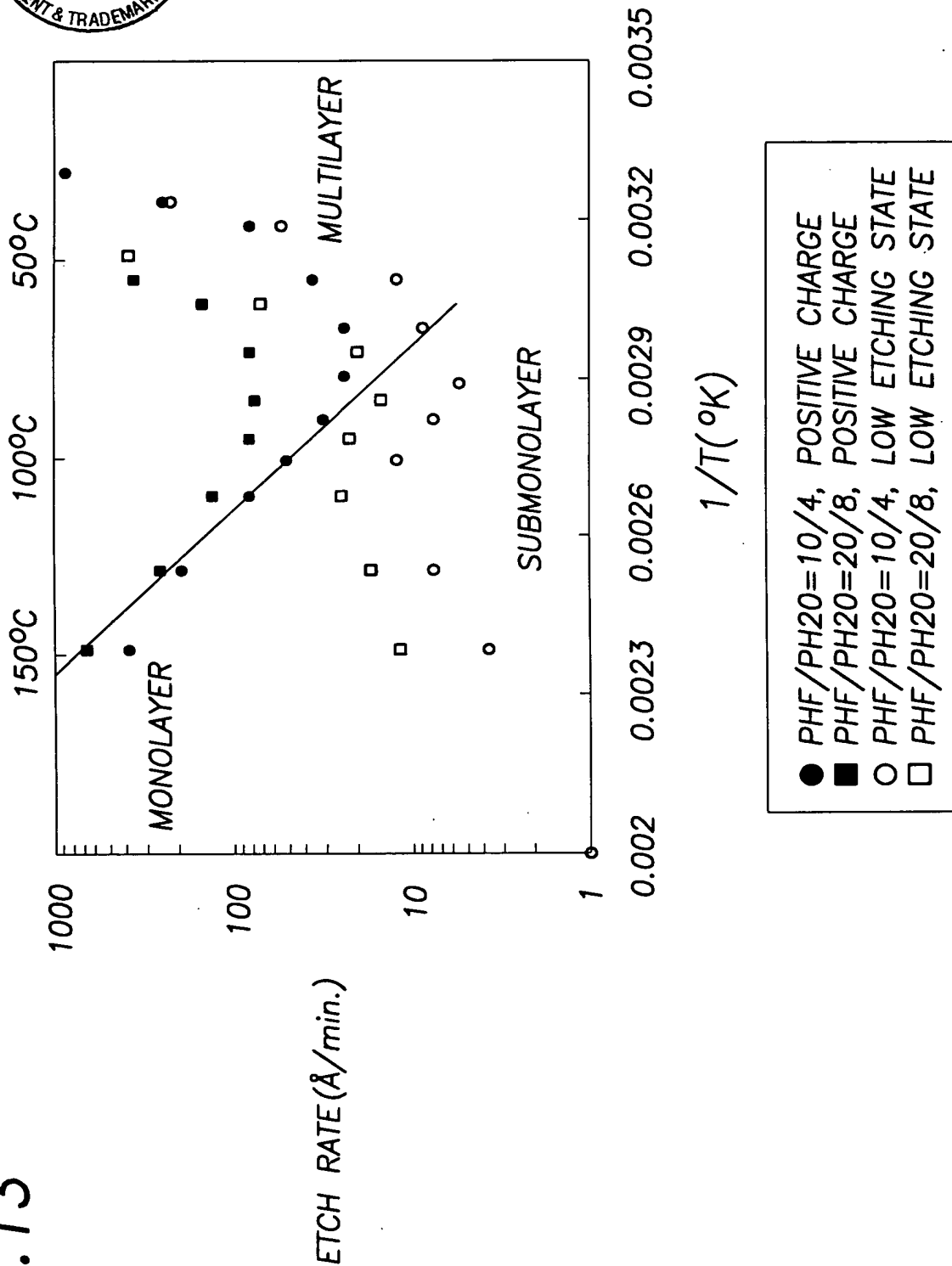


FIG. 14A

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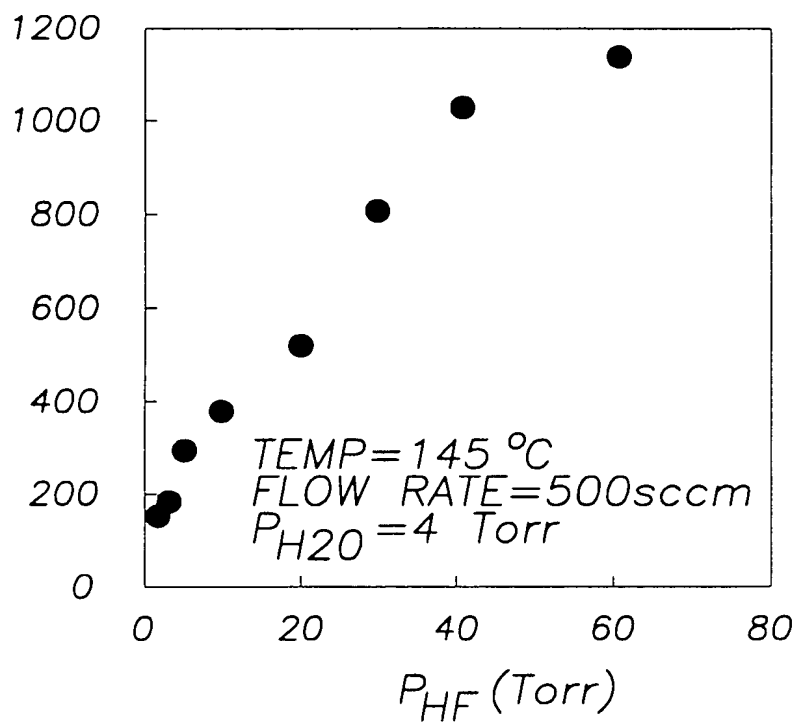
ETCH RATE
($\text{\AA}/\text{min.}$)

FIG. 14B

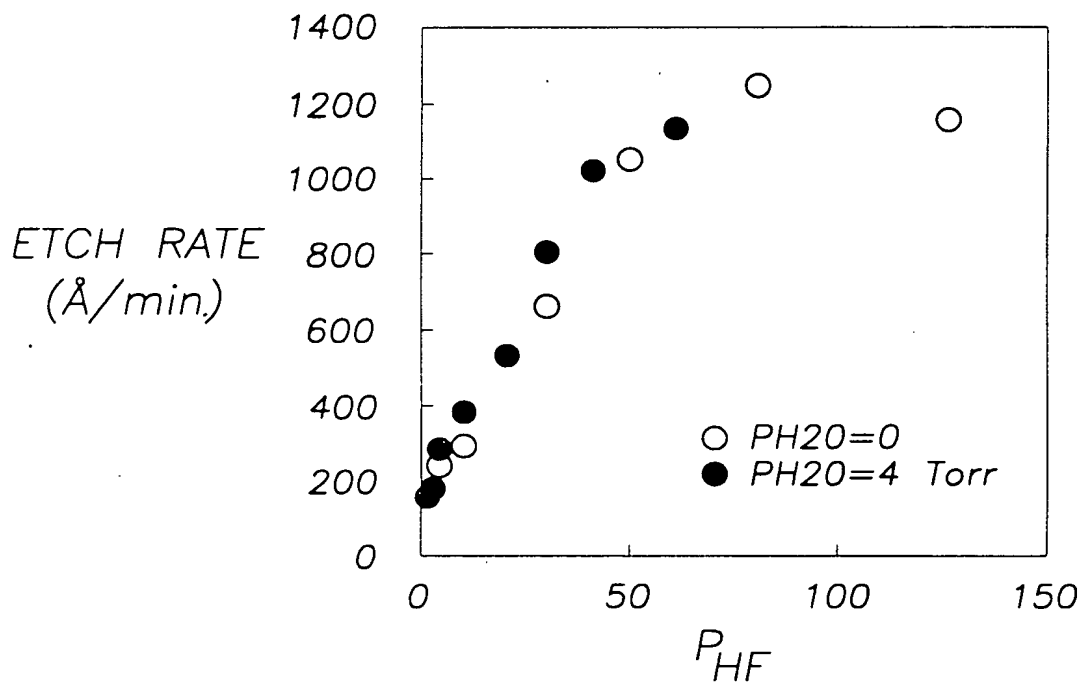


FIG. 15

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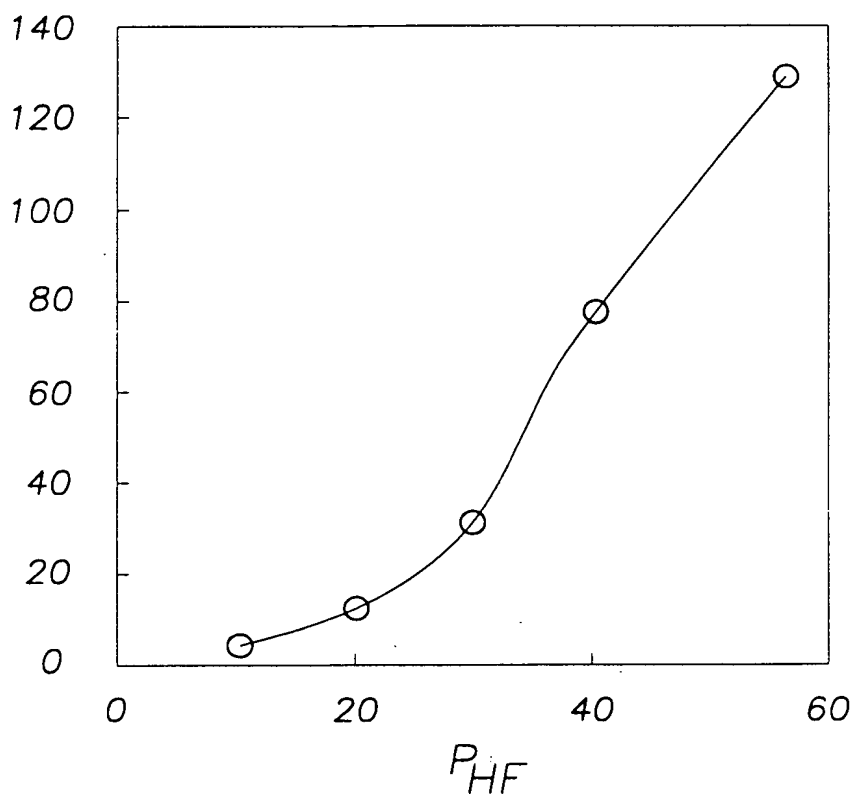
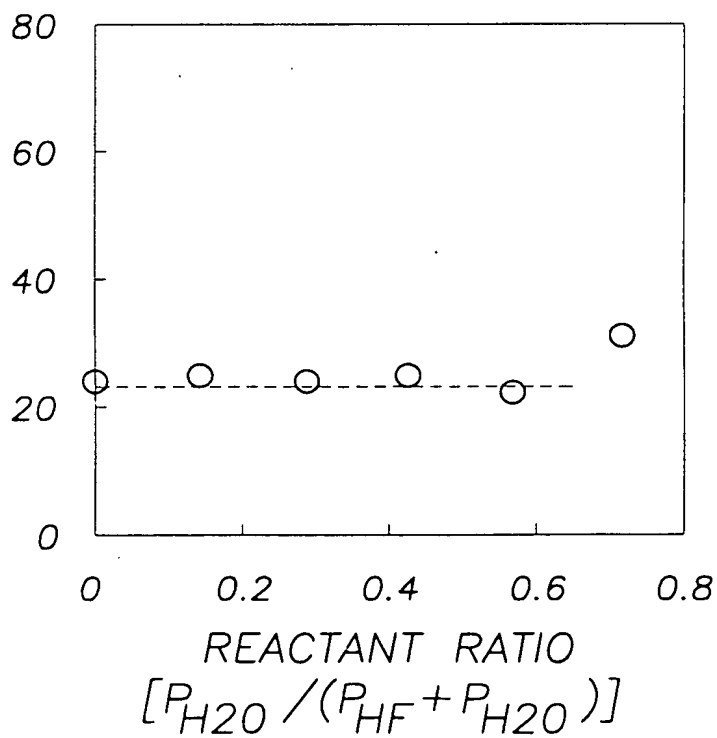
ETCH RATE
(Å/min)

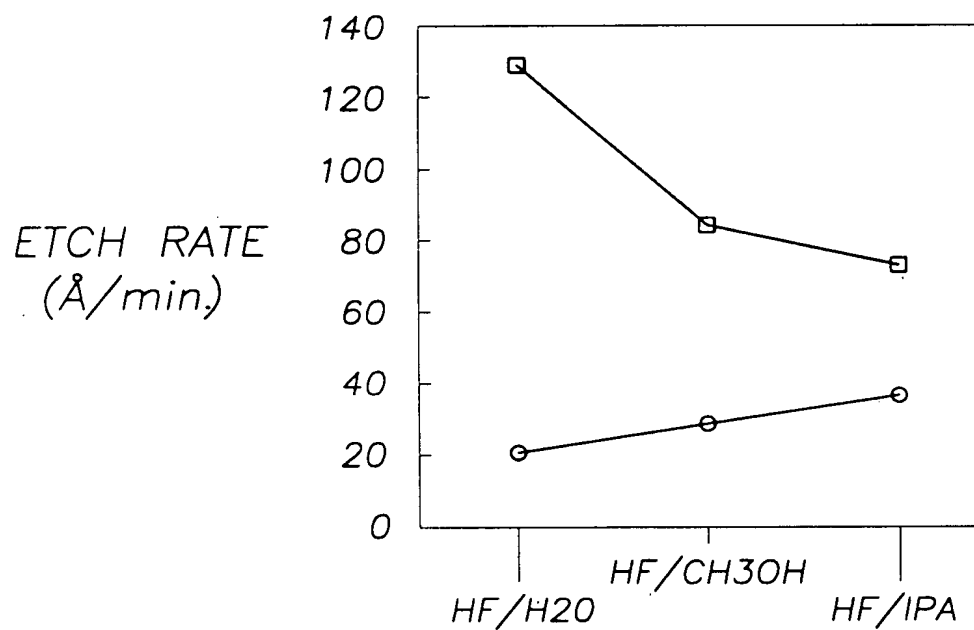
FIG. 16

ETCH RATE
(Å/min)



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FIG. 17

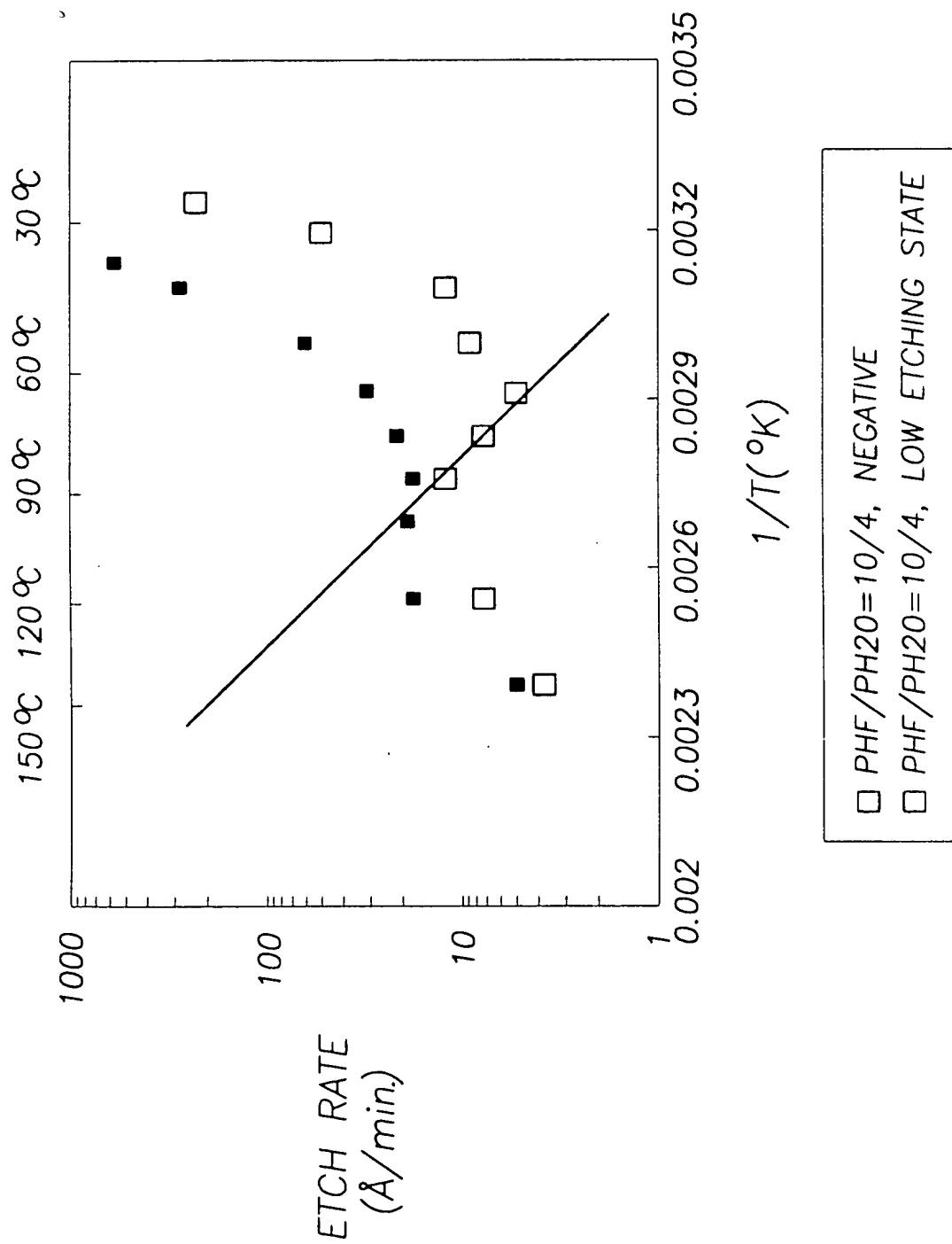


—○— NON-ACTIVATED ETCHING STATE
—□— ACTIVATED ETCHING STATE

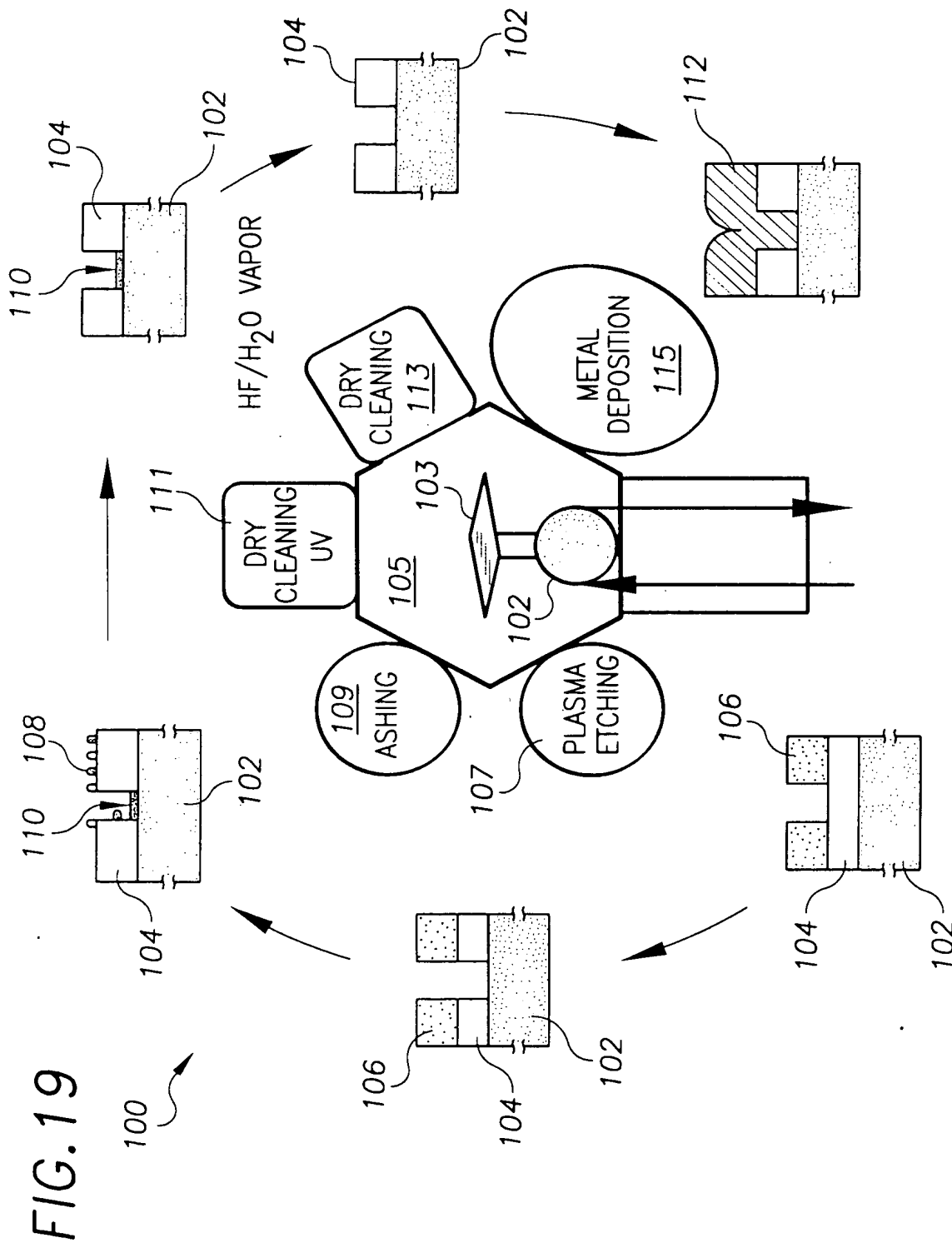
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FIG. 18



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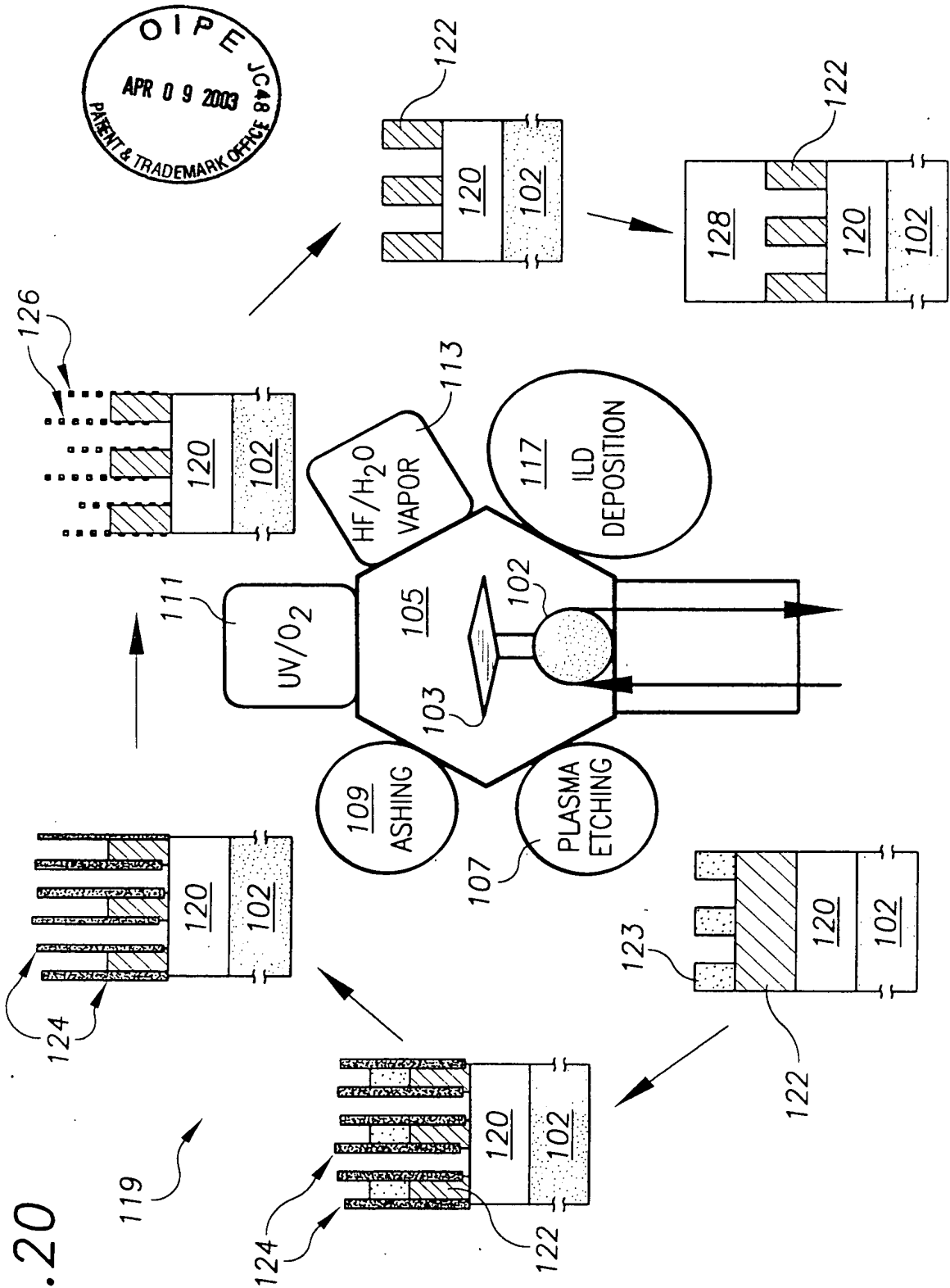


FIG. 20